

DISTRICT 4 CADD STANDARDS BY SECTION & NUMBER

200 EARTHWORK AND EROSION CONTROL

205001-D4	SLOPE STEPS DETAIL
205101-D4	SETTLEMENT PLATFORM
210001-D4	GEOTECHNICAL REINFORCEMENT FOR SIDE SLOPES
280101-D4	EROSION CONTROL AGGREGATE DITCH CHECK
281001-D4	RIPRAP DITCH FOR EROSION PROTECTION
281002-D4	SLOPE BERMS AND DRAINAGE WAYS
281101-D4	RIPRAP ENERGY DISSIPATOR
284001-D4	WATERWAY EROSION CONTROL, DOWNSTREAM TREATMENT, GABION WEIR (2 SHTS)
285101-D4	WATERWAY EROSION CONTROL, UPSTREAM TREATMENT, FABRIC FORMED CONCRETE REVETMENT MATS (2 SHTS)
285106-D4	WATERWAY EROSION CONTROL, UPSTREAM TREATMENT, PIPE DRAIN WITH CONCRETE WEIR (2 SHTS)
285111-D4	WATERWAY EROSION CONTROL, UPSTREAM TREATMENT, PIPE DRAIN WITH INLET (2 SHTS)
285116-D4	WATERWAY EROSION CONTROL, DOWNSTREAM TREATMENT, CONCRETE WEIR (2 SHTS)
285121-D4	WATERWAY EROSION CONTROL, DOWNSTREAM TREATMENT, FABRIC FORMED CONCRETE REVETMENT MATS (2 SHTS)

400 PAVEMENT, REHABILITATION AND SHOULDERS

406001-D4	PAVEMENT OVERLAY UNDER STRUCTURES, SPECIAL TREATMENT
406101-D4	BUTT JOINTS (3 SHTS)
406201-D4	MAILBOX TURNOUTS FOR 3R PROJECTS
406211-D4	MAILBOX TURNOUTS IN TYPE A GUTTER, (MODIFIED) SECTION
406301-D4	RURAL ENTRANCES FOR 3R PROJECTS (2 SHTS)
406401-D4	RURAL SIDEROADS FOR 3R PROJECTS
406501-D4	URBAN SIDEROADS FOR 3R PROJECTS
420101-D4	PORTABLE SCALE TURNOUT FOR NEW HOT MIX ASPHALT CONSTRUCTION
420201-D4	PORTABLE SCALE TURNOUT FOR WIDENING & RESURFACING AND RESURFACING PROJECTS
420401-D4	BRIDGE APPROACH DETAIL
423001-D4	SUBURBAN ENTRANCES WITH CURBED RADII
423002-D4	URBAN ENTRANCES WITHOUT SIDEWALKS
423003-D4	URBAN ENTRANCES CLOSELY SPACED WITHOUT SIDEWALKS
423101-D4	URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS (2 SHTS)
423106-D4	URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR SEPARATED SIDEWALKS (2 SHTS)
423111-D4	URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, SPECIAL DESIGN FOR CURBLINE SIDEWALKS (2 SHTS)
423116-D4	URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES (WITH PAVEMENT EDGE CURB BETWEEN ENTRANCES) (2 SHTS)
423121-D4	URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES (WITHOUT PAVEMENT EDGE CURB BETWEEN ENTRANCES) (2 SHTS)
423201-D4	MAILBOX TURNOUTS IN CURB AND GUTTER SECTION
424101-D4	COMBINATION CONCRETE CURB-SIDEWALK 4" (100MM)
424106-D4	COMBINATION CONCRETE CURB-SIDEWALK 4" (100MM), (SPECIAL)
424201-D4	APPROACH SIDE CURB APPROACH NOSE DETAIL
440101-D4	HOT MIX ASPHALT SURFACE REMOVAL OVER PATCHES
440201-D4	SLAB MOVEMENT DETECTION DEVICE
452001-D4	CRACK AND JOINT

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500 BRIDGES AND CULVERTS

503001-D4	CONCRETE DITCH CHECK
503101-D4	SPECIAL DROP OUTLET DETAIL
503201-D4	DETAIL OF CONCRETE STEPS AND PIPE HANDRAIL; 7" (175MM) RISER; 11"(275MM) TREAD
503301-D4	SILICONE JOINT SEAL
503401-D4	DETAIL OF CONCRETE DECK WEARING SURFACE AND QUANTITIES
505001-D4	BEARING PLATE DETAIL
510001-D4	DETAIL OF PIPE HANDRAIL FASTENING
510101-D4	DETAIL OF PIPE HANDRAIL FOR MORTARED STONE WALL AND MODULAR RETAINING WALL
540000-D4	DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS
540001-D4	COLLAR FOR BOX CULVERT EXTENSIONS
540002-D4	COLLAR FOR BOX CULVERT EXTENSIONS WITH HEADWALL REMOVAL
540101-D4	PRECAST BOX CULVERT EXTENSION COLLAR
540106-D4	PRECAST SKEWED BOX CULVERT EXTENSION COLLAR
540301-D4	GRATING FOR PRECAST BOX CULVERT END SECTIONS; FOR 36"x36" (900MM x 900MM) & 4'x4' (1.2M x 1.2M) BOXES
540401-D4	PRECAST CONCRETE BOX CULVERTS (SPECIAL) , END SECTION (SPECIAL), AND DROP BOX END SECTIONS (SPECIAL)
542001-D4	PIPE CULVERT EXTENSION COLLAR (WITH END SECTION)
542011-D4	SKEWED PIPE CULVERT EXTENSION COLLAR (WITH END SECTION)
542016-D4	PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)
542301-D4	PRECAST REINFORCED CONCRETE FLARED DROP BOX END SECTION
582001-D4	ABUTMENT JOINT MODIFICATIONS FOR DECK RESURFACING
582101-D4	BRIDGE WEARING SURFACE BITUMINOUS OVERLAY DETAILS

600 DRAINAGE

601001-D4	UNDERDRAIN OUTLET PROTECTION
601101-D4	SLOPE DRAIN DETAILS FOR BURIED PIPES
601106-D4	SLOPE DRAIN DETAILS FOR EXPOSED PIPES
601201-D4	BACKSLOPE DRAINS
601301-D4	PIPE ELBOW
601401-D4	DETAILS OF SEEPAGE COLLARS FOR BURIED PIPES
601501-D4	DETAILS OF SEEPAGE COLLARS FOR EXPOSED PIPES
601701-D4	SLOTTED VANE DRAIN
602001-D4	INLETS, TYPE G-1
602002-D4	INLETS, TYPE G-2
602006-D4	INLETS, TYPE G-1, SPECIAL
602011-D4	INLETS, TYPE G-1 DOUBLE
602016-D4	INLETS, TYPE G-1 DOUBLE, SPECIAL
602021-D4	INLET - MANHOLE, TYPE G-1
602026-D4	INLET - MANHOLE, TYPE G-1, SPECIAL
602101-D4	PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1 AND TYPE G-1, SPECIAL
602201-D4	INLET SPECIAL TYPES 1, 2, & 3 (2 SHTS)
602301-D4	INLETS, SPECIAL WITH TYPE 5 MODIFIED FRAME, CLOSED LID
602401-D4	TEMPORARY INLET DRAINAGE TREATMENT
602501-D4	MANHOLE, SPECIAL
602601-D4	DRYWELL
604001-D4	FRAME AND GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES
604002-D4	FRAME AND GRATES FOR TYPE G-2 DRAINAGE STRUCTURES
604101-D4	MEDIAN INLET (604101), SPECIAL AND MEDIAN INLET (604106), SPECIAL
604201-D4	FRAME & GRATE ADJUSTING RING

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604301-D4	TYPE 37 GRATE
606001-D4	CONCRETE CURB, TYPE B (MODIFIED)
606002-D4	SPECIAL DETAIL OF M-2.06 (M-5.15) AND M-2.12 (M-5.30) CURB
606101-D4	TYPE A GUTTER (SPECIAL), (INLET, OUTLET AND ENTRANCE) (3 SHTS)
606106-D4	OUTLET TYPE 1 (SPECIAL) FOR TYPE A GUTTER (SPECIAL)
606201-D4	TYPE B GUTTER (SPECIAL), (INLET, OUTLET AND ENTRANCE) (3 SHTS)
606206-D4	TRANSITION FROM CONCRETE CURB AND GUTTER TYPE B-6.12 (B-15.30) TO OUTLET FOR TYPE B GUTTER (SPECIAL)
606301-D4	P.C. CONCRETE ISLANDS AND MEDIANS (CONSTRUCTED ON TOP OF EXISTING PAVEMENT) (2 SHTS)
606306-D4	CORRUGATED MEDIAN (MODIFIED)
609001-D4	CONCRETE THRUST BLOCKS
611001-D4	STORM SEWER PROTECTED

630 SAFETY

630011-D4	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6.75 FOOT POSTS (4 SHTS)
630101-D4	GUARDRAIL EROSION CONTROL TREATMENTS (2 SHTS)
635001-D4	DELINEATORS, SPECIAL
635002-D4	RECOVERABLE DELINEATORS DETAIL
650001-D4	MEDIAN SAND MODULE IMPACT ATTENUATOR 55 MPH DESIGN - 40' MEDIAN
650002-D4	MEDIAN SAND MODULE IMPACT ATTENUATOR 70 MPH DESIGN - 40' MEDIAN
650003-D4	MEDIAN SAND MODULE IMPACT ATTENUATOR 55 MPH DESIGN - 64' MEDIAN
650004-D4	MEDIAN SAND MODULE IMPACT ATTENUATOR 70 MPH DESIGN - 64' MEDIAN
650005-D4	MEDIAN SAND MODULE IMPACT ATTENUATOR 55 MPH DESIGN - 70' MEDIAN
650006-D4	MEDIAN SAND MODULE IMPACT ATTENUATOR 70 MPH DESIGN - 70' MEDIAN

660 FENCING, MARKERS AND MISCELLANEOUS

660001-D4	MORTARED STONE WALL
660101-D4	MODULAR RETAINING WALL SYSTEM DETAIL
660201-D4	BICYCLE RACK
667101-D4	PERMANENT SURVEY TIE AND PERMANENT SURVEY MARKERS TYPE I & TYPE II
667106-D4	PERMANENT SURVEY MARKER TYPE II (SPECIAL)

700 TRAFFIC CONTROL

701301-D4	NIGHTTIME LIGHTING INSPECTION
701331-D4	LANE CLOSURE, 2L, 2W, WITH RUNAROUND, ADJACENT TO EXISTING PAVEMENT FOR SPEEDS >= 45 MPH (STD 701331 SPECIAL)
702001-D4	TEMPORARY BITUMINOUS MEDIAN

720 SIGNING

720001-D4	SIGNING SCHEDULE
720006-D4	GROUND MOUNT SIGN STRUCTURE DETAILS
720011-D4	TABULATION OF WOOD POST MOUNTED SIGNS

DISTRICT 4 CADD STANDARDS BY SECTION & NUMBER

780 PAVEMENT MARKING

- 780001-D4 TYPICAL PAVEMENT MARKINGS (2 SHTS)
- 780002-D4 GROOVED IN RUMBLE STRIPS
- 780101-D4 CENTER LINE RUMBLE STRIP DETAILS

800 ELECTRICAL

- 836002-D4 DETAIL FOR TRAFFIC COUNTERS USING TERMINAL FACILITY